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FAX FILING IN U.S. PATENT & TRADEMARK OFFICEDATE: November 10, 2006

TIME: _____

| | | |
|---|--|------------------------------|
| TO: | Mail Stop AF Commissioner For Patents | FAX NO.: 571-273-8300 |
| FROM: | Lowell Carson ADMIN. ASST.: Kathleen Spina | |
| APPLN. NO.: | 10/804,431 | ATTY. DOCKET NO.: MATB-404US |
| TITLE OF APPLN.: : PROCESS AND APPARATUS FOR FORMING DISCRETE MICROCAVITIES IN A FILAMENT WIRE USING A POLYMER ETCHING MASK | | |
| FILING DATE: | March 19, 2004 | ART UNIT: 1763 |
| FIRST INVENTOR: | Xinbing Liu | CONF. NO.: 7208 |
| TITLE OF DOCUMENT (and List of Attachments): Response to Final OA | | |
| Transmittal Sheet; Amendment/Reply | | |

Total Number of Pages: 6 (including this form)

COMMENTS**CONFIDENTIAL AND PRIVILEGED ATTORNEY/CLIENT INFORMATION**

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T-368 P.002/006 F-746

PTO/SB/21 (09-04) (AW 10/2004)

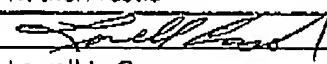
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| | | | |
|--|----------------------|---------------------|------------|
| TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i> | Application Number | 10/804,431 | |
| | Filing Date | March 19, 2004 | |
| | First Named Inventor | Xinbing Liu | |
| | Art Unit | 1763 | |
| | Examiner Name | Moore, Karla A. | |
| Total Number of Pages in This Submission | 6 | Attorney Docket No. | MATB-404US |

| ENCLOSURES (Check all that apply) | | |
|---|--|--|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/Dedication(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PTO FAX COVER SHEET; AMENDMENT/REPLY. |
| Remarks: | | |

| SIGNATURE OF APPLICANT, ATTORNEY OR AGENT | | | |
|---|---|------------------|--------|
| Firm Name | RatnerPrestia | | |
| Signature |  | | |
| Printed Name | Lowell L. Carson | | |
| Date | November 10, 2006 | Registration No. | 48,548 |

| CERTIFICATE OF TRANSMISSION / MAILING | | | |
|--|---|------|-------------------|
| I hereby certify that this correspondence is being facsimile transmitted 571-273-8300 to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: | | | |
| Signature |  | | |
| Typed or Printed Name | Kathleen Spina | Date | November 10, 2006 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, ALEXANDRIA, VA 22313-1450.

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Appln. No.: 10/804,431
Amendment Dated November
Reply to Office Action of September 27, 2006

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No: 10/804,431
Applicant: Xinbing Liu
Filed: March 19, 2004
Title: PROCESS AND APPARATUS FOR FORMING DISCRETE MICROCAVITIES IN A FILAMENT
WIRE USING A POLYMER ETCHING MASK
T.C./A.U.: 1763
Examiner: Moore, Karla A.
Confirmation No.: 7208
Docket No.: MATB-404US

AMENDMENT UNDER 37 C.F.R. § 1.116

Expedited Procedure

Mail Stop AF
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P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Responsive to the Final Office Action dated September 27, 2006, please amend the
above-identified application as follows:

- ☐ **Amendments to the Specification** begin on page _____ of this paper.
- ☒ **Amendments to the Claims** are reflected in the listing of claims which begins on page
2 of this paper.
- ☐ **Amendments to the Drawings** begin on page _____ of this paper and include an
attached replacement sheet(s).
- ☐ **Amendments to the Abstract** are on page _____ of this paper. A clean version of the
Abstract is on page _____ of this paper.
- ☒ **Remarks/Arguments** begin on page 4 of this paper.